

Amendments to the Claims under 37 C.F.R. § 1.121

Claims 1-8 (cancelled).

Claim 9 (previously presented): An isolated polypeptide having the amino acid sequence as set forth in SEQ ID NO: 5 produced by a process comprising:

(a) culturing a host cell containing a vector comprising a nucleic acid having a nucleotide sequence:

(i) as set forth in SEQ ID NO. 4;

(ii) of a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-1755; or

(iii) encoding a polypeptide having the amino acid sequence as set forth in SEQ ID NO. 5;

under conditions suitable to express the polypeptide; and optionally

(b) isolating the polypeptide from the culture.

Claims 10-12 (cancelled).

Claim 13 (currently amended): An isolated polypeptide comprising the amino acid sequence:

(a) as set forth in SEQ ID NO: 5; or

(b) encoded by a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-1755, wherein the ~~nucleic acid molecule~~ DNA insert encodes a polypeptide ~~of comprising~~ the amino acid sequence set forth in SEQ ID NO: 5.

Claim 14 (previously presented): An isolated polypeptide comprising the amino acid sequence as set forth in SEQ ID NO: 6, optionally further comprising an amino-terminal methionine.

Claim 15 (cancelled).

Claim 16 (currently amended): An isolated polypeptide comprising the amino acid sequence set forth in SEQ ID NO: 5 encoded by a nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:

- (a) the nucleotide sequence as set forth in SEQ ID NO: 4;
- (b) the nucleotide sequence of a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-1755, wherein the ~~nucleic acid molecule~~ DNA insert encodes a polypeptide ~~of~~ comprising the amino acid sequence set forth in SEQ ID NO: 5; [[or]] and
- (c) a nucleotide sequence encoding a polypeptide having the amino acid sequence as set forth in SEQ ID NO: 5.

Claims 17-45 (cancelled).

Claim 46 (previously presented): An isolated fusion polypeptide comprising the polypeptide of either Claim 13 or 14 fused to a heterologous amino acid sequence.

Claim 47 (previously presented): The isolated fusion polypeptide of Claim 46, wherein the heterologous amino acid sequence is an IgG constant domain or fragment thereof.

Claims 48-56 (cancelled).

Claim 57 (currently amended): A polypeptide comprising the amino acid sequence set forth in SEQ ID NO: 5 produced by a process comprising:

- (a) culturing a host cell containing a vector comprising a nucleic acid molecule having a nucleotide sequence of a region of the nucleotide sequence of:
 - (i) SEQ ID NO: 4; or
 - (ii) a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No.

PTA-1755,

~~wherein the nucleic acid molecule encodes the polypeptide which is produced,~~
~~and the polypeptide having the amino acid sequence set forth in SEQ ID NO: 5;~~
under suitable conditions to express the polypeptide; and optionally
(b) isolating the polypeptide from the culture.

Claim 58 (cancelled).

Claim 59 (previously presented): The polypeptide of either Claim 9 or 57, wherein the host cell is a eukaryotic cell.

Claim 60 (previously presented): The polypeptide of either Claim 9 or 57, wherein the host cell is a prokaryotic cell.

Claim 61 (currently amended): An isolated polypeptide comprising the amino acid sequence set forth in SEQ ID NO: 5 encoded by a nucleic acid molecule comprising a nucleotide sequence of a region of the nucleotide sequence of:

- (a) SEQ ID NO: 4; or
- (b) a DNA insert encoding a Secs-1 polypeptide in ATCC Deposit No. PTA-

1755[[,]]

~~wherein the nucleic acid molecule encodes a polypeptide of the amino acid sequence set forth in SEQ ID NO: 5.~~

Claim 62 (cancelled).